

## EAST Search History

| Ref # | Hits | Search Query  | DBs                                       | Default Operator | Plurals | Time Stamp       |
|-------|------|---|---|------------------|---------|------------------|
| L1    | 22   | mono same stereo same (headset or headphone\$1 or earphone\$1) same detect\$3                               | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT | OR               | ON      | 2007/12/14 14:27 |
| L2    | 13   | 1 and @ay<="2003"   | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT | OR               | ON      | 2007/12/14 14:28 |
| L3    | 8    | (("6985592") or ("7071702") or ("6069960") or ("7248707")).PN.  | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT | OR               | OFF     | 2007/12/14 14:10 |
| L4    | 51   | mono same stereo same (headset or headphone\$1 or earphone\$1) same (detect\$3 or indetif\$4 or indicat\$3) | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT | OR               | ON      | 2007/12/14 14:27 |
| L5    | 21   | 4 and @ay<="2003"   | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT | OR               | ON      | 2007/12/14 14:51 |
| L6    | 2    | ("5978689").PN.   | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT | OR               | OFF     | 2007/12/14 14:58 |
| L9    | 80   | "5978689"   | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT | OR               | ON      | 2007/12/14 15:00 |

## EAST Search History

|    |     |  |   |    |     |                  |
|----|-----|--|---|----|-----|------------------|
| S1 | 105 | (("4243851") or ("5197332") or ("5272571") or ("5455859") or ("5528660") or ("5689245") or ("5706360") or ("5826008") or ("5825873") or ("5913163") or ("5978689") or ("4068093") or ("4295694") or ("4315502") or ("4323738") or ("4340784") or ("4414689") or ("4415776") or ("4457396") or ("4536888") or ("4591661") or ("4790002") or ("4852684") or ("4856364") or ("4867442") or ("4891835") or ("4901355") or ("4913259") or ("4949726") or ("4964304") or ("4972491") or ("4991222") or ("4991439") or ("5001763") or ("5008756") or ("5065317") or ("5197052") or ("5288953") or ("5409445") or ("5412419") or ("5435185") or ("5442693") or ("5454036") or ("RE35051") or ("5457751") or ("5511132") or ("5555300") or ("5563951") or ("5583912") or ("5602902")).PN. | US-PGPUB;<br>USPAT;<br>USOCR;<br>EPO; JPO;<br>DERWENT | OR | OFF | 2007/12/13 14:05 |
|----|-----|--|---|----|-----|------------------|

## EAST Search History

|    |      |  |   |    |     |                  |
|----|------|--|---|----|-----|------------------|
| S2 | 91   | (("5197332") or ("5825873") or ("5442693") or ("5555300") or ("6091832") or ("20050053243") or ("20070155418") or ("5621800") or ("6016432") or ("6223062") or ("6223062") or ("6456615") or ("6480723") or ("6654828") or ("7233808") or ("20030014567") or ("20030045235") or ("20030103601") or ("20040204166") or ("20050169252") or ("4852684") or ("4913259") or ("5197052") or ("5409445") or ("5608797") or ("5781913") or ("5881370") or ("6457024") or ("7242970") or ("7299142") or ("20020030871") or ("20030207703") or ("20040128129") or ("20040162026") or ("20050055731") or ("20050111675") or ("20060046656") or ("20060270373") or ("5455859") or ("5528660") or ("5913163") or ("5001763") or ("5563951") or ("5583912") or ("5602902") or ("5625679") or ("5703929") or ("5757929") or ("5771278") or ("5881317")).PN. | US-PGPUB;<br>USPAT;<br>USOCR;<br>EPO; JPO;<br>DERWENT | OR | OFF | 2007/12/12 11:20 |
| S3 | 4025 | mono same stereo   | US-PGPUB;<br>USPAT;<br>USOCR;<br>EPO; JPO;<br>DERWENT | OR | ON  | 2007/12/12 11:20 |
| S4 | 344  | mono same stereo same (headset or headphone\$1 or earphone\$1)   | US-PGPUB;<br>USPAT;<br>USOCR;<br>EPO; JPO;<br>DERWENT | OR | ON  | 2007/12/14 13:58 |
| S5 | 189  | S4 and @ay<="2003"   | US-PGPUB;<br>USPAT;<br>USOCR;<br>EPO; JPO;<br>DERWENT | OR | ON  | 2007/12/13 10:54 |
| S6 | 1900 | ((381/74 or 381/58 or 381/77).ccis.)   | US-PGPUB;<br>USPAT;<br>USOCR;<br>EPO; JPO;<br>DERWENT | OR | ON  | 2007/12/13 10:48 |

## EAST Search History

|     |      |   |   |    |    |                  |
|-----|------|---|---|----|----|------------------|
| S7  | 1067 | ((381/123 or 381/370 or 381/381).ccls.)                             | US-PGPUB;<br>USPAT;<br>USOCR;<br>EPO; JPO;<br>DERWENT | OR | ON | 2007/12/13 10:49 |
| S8  | 972  | ((379/430 or 379/433.13).ccls.)                                     | US-PGPUB;<br>USPAT;<br>USOCR;<br>EPO; JPO;<br>DERWENT | OR | ON | 2007/12/13 10:50 |
| S9  | 922  | ((455/569.1 or 455/575.2).ccls.)                                    | US-PGPUB;<br>USPAT;<br>USOCR;<br>EPO; JPO;<br>DERWENT | OR | ON | 2007/12/13 10:52 |
| S10 | 1367 | ((702/183).ccls.)   | US-PGPUB;<br>USPAT;<br>USOCR;<br>EPO; JPO;<br>DERWENT | OR | ON | 2007/12/13 10:53 |
| S11 | 451  | ((324/525).ccls.)   | US-PGPUB;<br>USPAT;<br>USOCR;<br>EPO; JPO;<br>DERWENT | OR | ON | 2007/12/13 10:53 |
| S12 | 58   | mono near3 stereo near3 (headset<br>or headphone\$1 or earphone\$1) | US-PGPUB;<br>USPAT;<br>USOCR;<br>EPO; JPO;<br>DERWENT | OR | ON | 2007/12/13 10:53 |
| S13 | 33   | S12 and @ay<="2003"   | US-PGPUB;<br>USPAT;<br>USOCR;<br>EPO; JPO;<br>DERWENT | OR | ON | 2007/12/14 15:00 |
| S14 | 314  | mono same stereo same (headset<br>or headphone\$1 or earphone\$1)   | US-PGPUB;<br>USPAT;<br>USOCR;<br>EPO; JPO             | OR | ON | 2007/12/13 11:07 |
| S15 | 21   | S14 and S6 and @ay<="2003"  | US-PGPUB;<br>USPAT;<br>USOCR;<br>EPO; JPO;<br>DERWENT | OR | ON | 2007/12/14 13:59 |
| S16 | 8    | S14 and S7 and @ay<="2003"  | US-PGPUB;<br>USPAT;<br>USOCR;<br>EPO; JPO;<br>DERWENT | OR | ON | 2007/12/13 11:03 |

## EAST Search History

|     |     |   |   |    |    |                  |
|-----|-----|---|---|----|----|------------------|
| S17 | 2   | S14 and S8 and @ay<="2003"                                      | US-PGPUB;<br>USPAT;<br>USOCR;<br>EPO; JPO;<br>DERWENT | OR | ON | 2007/12/13 11:04 |
| S18 | 6   | S14 and S9 and @ay<="2003"                                      | US-PGPUB;<br>USPAT;<br>USOCR;<br>EPO; JPO;<br>DERWENT | OR | ON | 2007/12/13 11:04 |
| S19 | 0   | S14 and S10 and @ay<="2003"                                     | US-PGPUB;<br>USPAT;<br>USOCR;<br>EPO; JPO;<br>DERWENT | OR | ON | 2007/12/13 11:04 |
| S20 | 0   | S14 and S11 and @ay<="2003"                                     | US-PGPUB;<br>USPAT;<br>USOCR;<br>EPO; JPO;<br>DERWENT | OR | ON | 2007/12/13 11:04 |
| S21 | 913 | mono and stereo and (headset or<br>headphone\$1 or earphone\$1) | US-PGPUB;<br>USPAT;<br>USOCR;<br>EPO; JPO             | OR | ON | 2007/12/13 11:07 |
| S22 | 171 | S14 and S21 and @ay<="2003"                                     | US-PGPUB;<br>USPAT;<br>USOCR;<br>EPO; JPO;<br>DERWENT | OR | ON | 2007/12/13 11:08 |
| S23 | 35  | S21 and S6 and @ay<="2003"                                      | US-PGPUB;<br>USPAT;<br>USOCR;<br>EPO; JPO;<br>DERWENT | OR | ON | 2007/12/13 11:09 |
| S24 | 13  | S21 and S7 and @ay<="2003"                                      | US-PGPUB;<br>USPAT;<br>USOCR;<br>EPO; JPO;<br>DERWENT | OR | ON | 2007/12/13 11:10 |
| S25 | 5   | S21 and S8 and @ay<="2003"                                      | US-PGPUB;<br>USPAT;<br>USOCR;<br>EPO; JPO;<br>DERWENT | OR | ON | 2007/12/13 11:10 |
| S26 | 10  | S21 and S9 and @ay<="2003"                                      | US-PGPUB;<br>USPAT;<br>USOCR;<br>EPO; JPO;<br>DERWENT | OR | ON | 2007/12/13 11:12 |

## EAST Search History

|     |   |                             |   |    |    |                  |
|-----|---|-----------------------------|---|----|----|------------------|
| S27 | 0 | S21 and S10 and @ay<="2003" | US-PGPUB;<br>USPAT;<br>USOCR;<br>EPO; JPO;<br>DERWENT | OR | ON | 2007/12/13 11:12 |
| S28 | 0 | S21 and S11 and @ay<="2003" | US-PGPUB;<br>USPAT;<br>USOCR;<br>EPO; JPO;<br>DERWENT | OR | ON | 2007/12/13 11:12 |
| S29 | 2 | "6671379".pn.               | US-PGPUB;<br>USPAT;<br>USOCR;<br>EPO; JPO;<br>DERWENT | OR | ON | 2007/12/13 14:05 |